

THAT WHICH IS CLAIMED IS:

1. A method for preparing and applying a surface finish on a substrate comprising at least one of a vertical surface, a horizontal surface and a sloped surface, the method comprising the steps of:

- a) selecting a cementitious material,
- b) selecting glass beads from within a size range of 0.1 mm to 200mm,
- c) mixing the cementitious material with the selected glass beads, water and an adhesive including a concrete fortifier and a silicone until the mix reaches a consistency commensurate with application to the substrate,
- d) applying the mixture to the substrate,
- e) prior to hard setting of the mixture on the substrate, washing away a part of the cementitious material to expose a portion of the glass beads embedded in the cementitious material, such that 30% to 60% of a surface area of each of the exposed glass beads on the surface of the mixture is exposed, and
- f) allowing the mixture to hard set.

2. The method according to claim 14 comprising a step of adding during the mixing step at least one admixture selected from the group consisting of set retardants, waterproofing agents, bleed protectors, additional adhesives or set accelerators.

3. The method according to claim 15 comprising the steps of:

a) selecting at least one additional aggregate from the group consisting of precious gems, semi-precious gems, sand, crushed quartz, marble pieces and pebbles,

5 b) mixing the selected at least one aggregate into the mix during the mixing step and prior to the step of allowing the mixture to hard set and the applying step to, and

c) dispersing the selected at least one aggregate into the mixture following the step of washing away part of the cementitious material.

10 4. A method for preparing and applying a surface finish on a substrate comprising at least one of a vertical surface, a horizontal surface and a sloped surface, the method comprising the steps of:

a) selecting a cementitious material,

b) selecting glass beads from within the size range of 0.1mm to 200mm,

15 c) preparing a liquid solution of water and an adhesive, the adhesive comprising a concrete fortifier and a silicone,

d) mixing the solution with the selected cementitious material and the selected glass beads until the mix reaches a consistency commensurate with application onto the substrate,

e) applying the mix onto the substrate,

20 f) exposing 30% to 60% of the surface area of each of the glass beads on the surface of the mix, and

g) hard setting of the mix.

5. The method according to claim 17 wherein the step of exposing comprises washing away a portion of the cementitious material by hosing or sponging prior to the step of hard setting of the mix.

5           6. The method according to claim 17 wherein the step or exposing comprises the step of washing the surface of the finish with hydrochloric acid such that 30% to 60% of the surface area of a substantial number of the glass beads on the surface of the matrix is exposed following the step of hard setting of the mixture.

10           7. A method according to claim 17 involving comprising a step of, prior the step of mixing, preparing the substrate by applying a patch coat comprising an additional cementitious material, water, a concrete fortifier and a silicone but not including an aggregate, including glass beads.